

**Notice of Allowability**

Application No.

10/814,112

Examiner

Christopher R. Magee

Applicant(s)

GOTO, TEIYU

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the response filed 7/12/2007.
2. ☒ The allowed claim(s) is/are 1-8,10 and 11(renumbered as 1-10, respectively).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### **DETAILED ACTION**

#### ***Response to Amendment***

1. The reply filed 07/12/2007 was applied to the following effect: All relevant objections and rejections are withdrawn as being satisfied.

#### ***Examiner's Amendment***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows: Claims 9 and 14-20 have been cancelled.

#### ***Reasons for Allowance***

3. Claims 1-8, 10 and 11 are allowed (renumbered as 1-10, respectively).

The following is an examiner's statement of reasons for allowance:

This application is for a DISK CARTRIDGE AND DEVICE TO WHICH DISK CARTRIDGE IS INSERTED.

- **Claim 1** specifies a disk cartridge, which requires:

*"wherein the cartridge main body includes an electric terminal adapted to electrically couple the disk cartridge and a drive device when the disk cartridge is inserted in the drive device, wherein the drive device receives an electrical signal indicating the type of medium from the disk cartridge, and wherein the drive device executes a process in accordance with the type of medium."*

- **Claim 10** specifies a disk cartridge, which requires:

*"the cartridge main body includes an electric terminal which transmits an electronic signal to an external device, so as to transmit the electronic signal indicating the type of the medium from the electric terminal to the external device."*

The prior art of record fails to teach, show or suggest, by either anticipating or rendering obvious, the invention as set forth in the claims of the instant application. Furthermore, a search made does not detect the combined claimed elements as set forth in the pending claims. Additionally, the reasons for allowance of the claims over the prior art of record is believed to be readily clear, self evident and apparent from the claim language set forth in each of claims 1 and 10, when compared and contrasted with the prior art.

More particularly, the instant invention (as set forth in claims 1 and 10) provides for a disk cartridge having a cartridge main body which includes an electric terminal adapted to electrically couple the disk cartridge and a drive device when the disk cartridge is inserted in the drive device, wherein the drive device receives an electrical signal indicating the type of medium from the disk cartridge, and wherein the drive device executes a process in accordance with the type of medium. Ota (JP 04-362530) fails to disclose, teach or suggest the feature of receiving an electrical signal indicating the type of medium from the disk cartridge. Plus, as indicated in the Applicant's Remarks, filed 7/12/2007, Ota does not disclose, teach or suggest the use of electric terminals but rather the cartridge identifier comprises of multiple holes. Further, none of the cited prior art of record disclose such a disk cartridge, as set forth in the manner, function and relationship relative to other claimed structures as prescribed by the independent claims.

Therefore, these features, in combination with other features of claims 1 and 10, are not anticipated by, nor made obvious over, the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


#### ***Conclusion***


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher R. Magee whose telephone number is (571) 272-7592. The examiner can normally be reached on M-F, 8: 00 am-4: 30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Korzuch can be reached on (571) 272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Christopher R. Magee  
Patent Examiner  
Art Unit 2627

  
**ANGEL CASTRO**  
**PRIMARY EXAMINER**

September 20, 2007  
crm